

IN THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) For use in a video display system capable of displaying a video program, a system for creating a multimedia summary of said video program, said system comprising:

a multimedia summary generator capable of identifying a domain of said video program and obtaining a transcript of the text of said video program and capable of obtaining audio-video segments of said video program,

wherein said multimedia summary generator is capable of combining portions of said transcript and portions of said audio-video segments selected according to said domain of said video program to create a multimedia summary of said video program.

2. (Currently Amended) The system as claimed in Claim 1 wherein said multimedia summary generator is capable of creating said multimedia summary by selecting an audio-video segment that relates to a topic of said video program, said topic selected according to said domain of said video program, and by adding said topic and said audio-video segment to said multimedia summary.

3. (Currently Amended) The system as claimed in Claim 2 wherein said multimedia summary generator comprises:

a controller capable of executing computer software instructions contained within a memory coupled to said controller to create said multimedia summary of said video program by

determining a set of topic cues associated with said domain of said video program,

identifying at least one topic cue from said set of topic cues in said transcript of said video program, ~~and by~~

selecting at least one audio-visual ~~template~~ segment from said video program associated with said at least one topic cue, and ~~by~~

adding said topic cue and said audio-visual ~~template~~ segment to said multimedia summary.

4. (Currently Amended) The system as claimed in Claim 3 wherein said controller is capable of executing computer software instructions contained within a memory coupled to said controller to create said multimedia summary of said video program by

determining a set of subtopic cues associated with said at least one topic cue,

identifying at least one subtopic cue from said set of subtopic cues ~~for said at least one topic~~ in said transcript of said video program, ~~and by~~

selecting at least one audio-visual ~~template~~ segment from said video program associated with said at least one subtopic cue, and by
adding said subtopic cue and said audio-visual ~~template~~ segment to said multimedia summary.

5. (Currently Amended) The system as claimed in Claim 3 ~~wherein said controller is 2 wherein~~ said multimedia summary generator comprises a controller capable of executing:

a domain identification application capable of identifying ~~a type~~ said domain of said video program;

a topic cue identification application capable of identifying at least one topic cue in said transcript of said video program;

a subtopic cue identification application capable of identifying at least one subtopic cue in said at least one topic of said video program; and

an audio-visual template identification application capable of identifying at least one audio-visual segment according to an audio-visual template associated with said at least one topic cue, and capable of identifying at least one audio-visual segment according to an audio-visual template associated with said at least one subtopic cue.

6. (Original) The system as claimed in Claim 4 wherein said controller is capable of executing computer software instructions contained within a memory coupled to said controller to create an entry point for each topic that will allow a viewer to access each topic in said multimedia summary, and to create an entry point for each subtopic that will allow a viewer to access each subtopic in said multimedia summary.

7. (Currently Amended) A video display system capable of creating a multimedia summary of a video program, said video display system comprising:

a multimedia summary generator capable of identifying a domain of said video program and obtaining a transcript of the text of said video program and capable of obtaining audio-video segments of said video program,

wherein said multimedia summary generator is capable of combining portions of said transcript and portions of said audio-video segments selected according to said domain of said video program to create a multimedia summary of said video program.

8. (Currently Amended) The video display system as claimed in Claim 7 wherein said multimedia summary generator is capable of creating said multimedia summary by selecting an audio-video segment that relates to a topic of said video program, said topic selected according to said domain of said video program, and by adding said topic and said audio-video segment to said multimedia summary.

9. (Currently Amended) The video display system as claimed in Claim 8 wherein said multimedia summary generator comprises:

a controller capable of executing computer software instructions contained within a memory coupled to said controller to create said multimedia summary of said video program by
determining a set of topic cues associated with said domain of said video program,
identifying at least one topic cue from said set of topic cues in said transcript of said video program, ~~and by~~
selecting at least one audio- visual ~~template~~ segment from said video program associated with said at least one topic cue, and ~~by~~
adding said topic cue and said audio-visual ~~template~~ segment to said multimedia summary.

10. (Currently Amended) The video display system as claimed in Claim 9 wherein said controller is capable of executing computer software instructions contained within a memory coupled to said controller to create said multimedia summary of said video program by
determining a set of subtopic cues associated with said at least one topic cue,
identifying at least one subtopic cue from said set of subtopic cues ~~for said at least one~~
~~topic~~ in said transcript of said video program, ~~and by~~

selecting at least one audio-visual ~~template~~ segment from said video program associated with said at least one subtopic cue, and ~~by~~
adding said subtopic cue and said audio-visual ~~template~~ segment to said multimedia summary.

11. (Currently Amended) The video display system as claimed in Claim 9 ~~wherein said controller is 8~~ wherein said multimedia summary generator comprises a controller capable of executing:

a domain identification application capable of identifying ~~a type~~ said domain of said video program;

a topic cue identification application capable of identifying at least one topic cue in said transcript of said video program;

a subtopic cue identification application capable of identifying at least one subtopic cue in said at least one topic of said video program; and

an audio-visual template identification application capable of identifying at least one audio-visual segment according to an audio-visual template associated with said at least one topic cue, and capable of identifying at least one audio-visual segment according to an audio-visual template associated with said at least one subtopic cue.

12. (Original) The video display system as claimed in Claim 10 wherein said controller is capable of executing computer software instructions contained within a memory coupled to said controller to create an entry point for each topic that will allow a viewer to access each topic in said multimedia summary, and to create an entry point for each subtopic that will allow a viewer to access each subtopic in said multimedia summary.

13. (Currently Amended) For use in a video display system capable of displaying a video program, a method for creating a multimedia summary of said video program, said method comprising the steps of:

identifying a domain of said video program;

obtaining a transcript of the text of said video program in a multimedia summary generator;

obtaining audio-video segments of said video program in said multimedia summary generator; and

combining portions of said transcript and portions of said audio-video segments in said multimedia summary generator to create said multimedia summary of said video program,

wherein said portions of said audio-video segments are selected according to said domain of said video program.

14. (Currently Amended) The method as claimed in Claim 13 wherein the step of combining portions of said transcript and portions of said audio-video segments in said multimedia summary generator to create said multimedia summary of said video program comprises:

selecting an audio-video segment that relates to a topic of said video program, said topic selected according to said domain of said video program; and
adding said topic and said audio-video segment to said multimedia summary.

15. (Currently Amended) The method as claimed in Claim 14 further comprising the steps of:

receiving in a multimedia summary generator instructions from computer software stored in a memory coupled to said multimedia summary generator;

executing said instructions in said multimedia summary generator to determine a set of topic cues associated with said domain of said video program;

executing said instructions in said multimedia summary generator to identify at least one topic cue from said set of topic cues in said transcript of said video program;

executing said instructions in said multimedia summary generator to select at least one audio-visual ~~template~~ segment from said video program associated with said at least one topic cue; and

executing said instructions in said multimedia summary generator to add said topic cue and said audio-visual ~~template~~ segment to said multimedia summary.

16. (Currently Amended) The method as claimed in Claim 15 further comprising the steps of:

~~receiving in a multimedia summary generator instructions from computer software stored in a memory coupled to said multimedia summary generator;~~

executing said instructions in said multimedia summary generator to determine a set of subtopic cues associated with said at least one topic cue;

executing said instructions in said multimedia summary generator to identify at least one subtopic cue from said set of subtopic cues for said at least one topic in said transcript of said video program;

executing said instructions in said multimedia summary generator to select at least one audio-visual ~~template~~ segment from said video program associated with said at least one subtopic cue; and

executing said instructions in said multimedia summary generator to add said subtopic cue and said audio-visual ~~template~~ segment to said multimedia summary.

17. (Currently Amended) The method as claimed in Claim ~~15~~ 14 further comprising the steps of:

identifying ~~a type~~ said domain of said video program with a domain identification application;

identifying at least one topic cue in said transcript of said video program with a topic cue identification application;

identifying at least one subtopic cue in said at least one topic of said video program with a subtopic cue identification application;

identifying at least one audio-visual segment according to an audio-visual template associated with said at least one topic cue with an audio-visual ~~template~~ segment identification application; and

identifying at least one audio-visual segment according to an audio-visual template associated with said at least one subtopic cue with said audio-visual template identification application.

18. (Currently Amended) The method as claimed in Claim 16 further comprising the steps of:

~~receiving in a multimedia summary generator instructions from computer software stored in a memory coupled to said multimedia summary generator;~~

executing said instructions in said multimedia summary generator to create an entry point for each topic that will allow a viewer to access each topic in said multimedia summary; and

executing said instructions in said multimedia summary generator to create an entry point for each subtopic that will allow a viewer to access each subtopic in said multimedia summary.

19. (Currently Amended) For use in a video display system capable of displaying a video program, computer-executable instructions stored on a computer-readable storage medium for creating a multimedia summary of said video program, the computer-executable instructions comprising the steps of:

identifying a domain of said video program;

obtaining a transcript of the text of said video program in a multimedia summary generator;

obtaining audio-video segments of said video program in said multimedia summary generator; and

combining portions of said transcript and portions of said audio-video segments in said multimedia summary generator to create said multimedia summary of said video program,

wherein said portions of said audio-video segments are selected according to said domain of said video program.

20. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as claimed in Claim 19 wherein the step of combining portions of said transcript and portions of said audio-video segments in said multimedia summary generator to create said multimedia summary of said video program comprises:

selecting an audio-video segment that relates to a topic of said video program, said topic selected according to said domain of said video program; and

adding said topic and said audio-video segment to said multimedia summary.

21. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as claimed in Claim 20 further comprising the steps of:

~~receiving in a multimedia summary generator instructions from computer software stored in a memory coupled to said multimedia summary generator;~~

determining a set of topic cues associated with said domain of said video program;

~~executing said instructions in said multimedia summary generator to identify~~ identifying at least one topic cue from said set of topic cues in said transcript of said video program;

~~executing said instructions in said multimedia summary generator to select~~ selecting at least one audio-visual template associated with said at least one topic cue; and

~~executing said instructions in said multimedia summary generator to add~~ adding said topic cue and said audio-visual ~~template~~ segment from said video program to said multimedia summary.

22. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as claimed in Claim 21 further comprising the steps of:

~~receiving in a multimedia summary generator instructions from computer software stored in a memory coupled to said multimedia summary generator;~~

determining a set of subtopic cues associated with said at least one topic cue;

~~executing said instructions in said multimedia summary generator to identify~~ identifying
at least one subtopic cue from said set of subtopic cues for said at least one topic in said
transcript of said video program;

~~executing said instructions in said multimedia summary generator to select~~ selecting at
least one audio-visual ~~template~~ segment from said video program associated with said at least
one subtopic cue; and

executing said instructions in said multimedia summary generator to add said subtopic
cue and said audio-visual ~~template~~ segment to said multimedia summary.

23. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as claimed in Claim 21 ~~20~~ further comprising the steps of:

identifying ~~a type~~ said domain of said video program with a domain identification application;

identifying at least one topic cue in said transcript of said video program with a topic cue identification application;

identifying at least one subtopic cue in said at least one topic of said video program with a subtopic cue identification application;

identifying at least one audio-visual segment according to an audio-visual template associated with said at least one topic cue with an audio-visual ~~template~~ segment identification application; and

identifying at least one audio-visual segment according to an audio-visual template associated with said at least one subtopic cue with said audio-visual ~~template~~ segment identification application.

24. (Currently Amended) The computer-executable instructions stored on a computer-readable storage medium as claimed in Claim 22 further comprising the steps of:

~~receiving in a multimedia summary generator instructions from computer software stored in a memory coupled to said multimedia summary generator;~~

~~executing said instructions in said multimedia summary generator to create~~ creating an entry point for each topic that will allow a viewer to access each topic in said multimedia summary; and

~~executing said instructions in said multimedia summary generator to create~~ creating an entry point for each subtopic that will allow a viewer to access each subtopic in said multimedia summary.

25. (Currently Amended) For use in a video display system capable of displaying a video program, a multimedia summary of a video program comprising at least one audio-visual segment of said video program that relates to an identified domain of said video program.

26. (Original) The multimedia summary of a video program as claimed in Claim 25 further comprising at least one portion of a transcript of said video program.

27. (Currently Amended) The multimedia summary of a video program as claimed in Claim 25 comprising at least one audio-visual segment of said video program that relates to at least one topic related to said identified domain of said video program.

28. (Currently Amended) The multimedia summary of a video program as claimed in Claim 27 comprising at least one audio-visual segment of said video program that relates to at least one subtopic in said at least one topic related to said identified domain of said video program.

29. (Original) The multimedia summary of a video program as claimed in Claim 25 wherein said multimedia summary is capable of displaying one of:

text from said video program, audio from said video program, a single video frame from said video program, a video segment comprising a series of video frames from said video program, and an audio-visual segment comprising audio from said video program and a series of video frames from said video program.

30. (Currently Amended) The multimedia summary of a video program as claimed in Claim 27 comprising a plurality of audio-visual segments of said video program, wherein each of said plurality of audio-visual segments relates to a topic related to said identified domain of said video program.

31. (Original) The multimedia summary of a video program as claimed in Claim 30 further comprising a topic entry point associated with each of said plurality of audio-visual segments that relates to a topic, in which each topic entry point allows a viewer to access the audio-visual segment associated with said topic.

32. (Currently Amended) The multimedia summary of a video program as claimed in Claim 30 comprising a plurality of audio-visual segments of said video program, wherein each of said plurality of audio-visual segments relates to a subtopic of a topic related to said identified domain of said video program.

33. (Original) The multimedia summary of a video program as claimed in Claim 32 further comprising a subtopic entry point associated with each of said plurality of audio-visual segments that relates to a subtopic, in which each subtopic entry point allows a viewer to access the audio-visual segment associated with said subtopic.

34. (Currently Amended) For use in a video display system capable of displaying a video program, a multimedia summary of a video program comprising

a plurality of audio-visual segments of said video program that relate to at least one topic related to said identified domain of said video program; and

at least one topic entry point associated with said plurality of audio-visual segments that relate to said at least one topic of said video program, in which said at least one topic entry point allows a viewer to access the plurality of audio-visual segments associated with said topic.

35. (Currently Amended). The multimedia summary of a video program as claimed in Claim 34 further comprising

a plurality of audio-visual segments of said video program that relate to at least one subtopic of said at least one topic related to said identified domain of said video program; and

at least one subtopic entry point associated with said plurality of audio-visual segments that relate to said at least one subtopic of said at least one topic of said video program, in which said at least one subtopic entry point allows a viewer to access the plurality of audio-visual segments associated with said subtopic.

36. (Original) The method as claimed in Claim 13, said method further comprising the steps of:

obtaining an image of a face of a person in said video program with audio-visual template identification application after said person first appears in said video program;

subsequently confirming the identity of said person by checking at least one identifying characteristic of said person; and

adding said image of said person to said multimedia summary after the identity of said person has been confirmed.

37. (Original) The method as claimed in Claim 36 wherein said at least one identifying characteristic of said person comprises one of:

an identification of the face of said person, an identification of the voice of said person, and a name plate of said person.

38. (Original) The method as claimed in Claim 36 wherein at least one identifying characteristic of said person comprises an identification of the face of said person and an identification of the voice of said person.